🏚 Fish & Richardson p.c. Substitute Form PTO-1390 DT07 Rec'd PCT/PTO ATTORNEY TRANSMITTAL LETTE O THE UNITED STATES 17023-045US DESIGNATED/ELEC'N **OFFICE (DO/EO/US)** U.S. APPLIC CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2003/016887 26 May 2003 5 August 2002 TITLE OF INVENTION ALLELE-SPECIFIC SILENCING OF DISEASE GENES APPLICANT(S) FOR DO/EO/US Beverly L. Davidson, Victor Miller and Henry Paulson Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. § 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. § 371. 3. This is an express request to begin national examination procedures (35 U.S.C.§ 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C.§ 371(c)(2)) a. . is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. § 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C.§ 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 C.F.R. § 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and 3.31 is included. A preliminary amendment. 14. An Application Data Sheet under 37 C.F.R. § 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. § 1.821 - 1.825. 18. A second copy of the published international application under 35 U.S.C. § 154(d)(4). Renla, Ref: 05/05/2005 CSM007 19. A second copy of the English language translation of the international application under 3.04166165054(d)eap/Number:1056 001028110 \$6250.00 CR FC: 9204 20. Other items or information:

CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. EV467325305US Date of Deposit: January 31, 2005

U.S. APPLICA	1007522	9 (5.5)	INTERNATIONAL PCT/US20	APPLICATION NO. 003/016887	ATTORNEY'S DOCKET NUMBER 17023-045US1						
21. The followi	ng fees are submitte	d:									
a) Basic nat	ional fee	\$300	300								
☐ b) Examina	tion fee	200									
c) Search fe	е	500									
	ТОТА	1,000									
☐ Additional f	ee for specification										
or computer pro paper or fractio	gram listing filed ir										
Total Sheets	Extra Sheets		each additional 50 or fraction and up to a whole number)	RATE							
-100	-100 = /50=			X \$250	\$						
Surcharge of \$ priority date (3)	130 for furnishing the C.F.R. 1.492(e)).	ne oath or declara	ation later than 30 months fro	m the earliest claimed	\$						
CLAI		NUMBER FILED NUMBER EXTRA		RATE							
Total C	laims	81 - 20 =	61	x \$50	\$3,050.00						
Independer	t Claims	14 - 3 =	11	x \$200	\$2,200.00						
MULTIPLE DI	EPENDENT CLAIN	A(S) (if applicabl	e)	+ \$360	\$0.00						
				OVE CALCULATIONS =	\$6,250.00						
Applicant c	aims small entity st	atus. See 37 C.F.	R. 1.27. The fees indicated a	bove are reduced by 1/2.	\$0.00	· ·					
	-			SUBTOTAL =	\$6,250.00						
	of \$130 for furnishi 7 C.F.R. 1.492(f))	\$0.00									
				OTAL NATIONAL FEE =	\$6,250.00						
Fee for recording by an appropria	ng the enclosed assignte cover sheet (37 C	gnment (37 C.F.I C.F.R. 3.28, 3.31)	R. 1.21(h)). The assignment in \$40.00 per property	must be accompanied +	\$0.00						
			TO	ΓAL FEES ENCLOSED =	\$6,250.00						
					Amount to be refunded:	\$					
					Amount to be charged:	\$6,250.00					
a. 🛛 A che	eck in the amount of	f\$6,250.00 to co	over the above fees is enclose	ed.							
	e charge my Deposi olicate copy of this		5-1050 in the amount of \$0.00) to cover the above fees.							
	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.										
d. Fees inclu	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.						or (b) must be					
SEND ALL CO	DRRESPONDENCI	eenas									
				SIGNATURE	<u>.</u>						
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TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

17023-045US2/03054

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

INTERNATIONAL APPLICATION NO. PCT/I IS 2003/16887 /6887

INTERNATIONAL FILING DATE 26 May 2003

PRIORITY DATE CLAIMED 5 August 2002

TITLE OF INVENTION

ALLELE-SPECIFIC SILENCING OF DISEASE GENES

ADDITION NOT DO DO PORO MIO						
APPLICANT(S) FOR DO/EO/US Beverly L. Davidson and Scott Harper						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1.						
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C.§ 371.						
This is an express request to begin national examination procedures (35 U.S.C.§ 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.						
5. A copy of the International Application as filed (35 U.S.C.§ 371(c)(2))						
a. is attached hereto (required only if not communicated by the International Bureau).						
 b. has been communicated by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US). 						
6. An English language translation of the International Application as filed (35 U.S.C. § 371(c)(2)).						
a. is attached hereto.						
b. has been previously submitted under 35 U.S.C.§ 154(d)(4).						
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))						
a. are attached hereto (required only if not communicated by the International Bureau).						
 b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. 						
d. \(\sum \) have not been made and will not be made.						
8.						
9. An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)).						
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:						
11. An Information Disclosure Statement under 37 C.F.R. § 1.97 and 1.98.						
12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and 3.31 is included.						
13. A preliminary amendment.						
14. An Application Data Sheet under 37 C.F.R. § 1.76.						
15. A substitute specification.						
16. A power of attorney and/or change of address letter.						
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. § 1.821 - 1.825.						
18. A second copy of the published international application under 35 U.S.C. § 154(d)(4).						
19. A second copy of the English language translation of the international application under 35 U.S.C. § 154(d)(4).						
20. Other items or information:						

CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. Date of Deposit:

EV467325296US January 31, 2005

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)				INTERNATIONAL APPLICATION NO. PCT/US2003/016887			ATTORNEY'S DOCKET NUMBER 17023-045US2			
21. The following	g fees are sub		, , , , , , , , , , , , , , , , , , , 							
□ a) Basic national fee							300			
b) Examinati	on fee	\$200	200							
□ C) Search fee							500			
	Т	\$1,000	1							
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing							1			
or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.										
Total Sheets			Number of each additional 50 or fraction RATE thereof (round up to a whole number)							
-100 =	†	/50=	c.cor (tout	up to a whole hullioel)		X \$250	\$			
			anth on dealer	ition later than 20 manuals of	rom "		<u> </u>	+		
Surcharge of \$1. priority date (37			oaui or declar?	ation later than 30 months f	iom t	ne camest ciaimed	\$			
CLAIM			NUMBER FILED NUMBER EXTE			RATE				
Total Cla	ims	38 - 20 =		18		x \$50	\$900.00			
Independent			4 - 3 =	1		x \$200	\$200.00			
MULTIPLE DEI	PENDENT C	LAIM(S	3) (if applicable	e)		+ \$360	\$0.00			
		·		TOTAL OF A	_	E CALCULATIONS =	\$2,100.00			
Applicant cla	ims small en	tity statu	s. See 37 C.F	R. 1.27. The fees indicated	labov	ve are reduced by 1/2.	\$0.00			
						SUBTOTAL =	\$2,100.00			
Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f))							\$0.00			
						AL NATIONAL FEE =	\$2,100.00			
Fee for recording by an appropriate	the enclose cover sheet	d assignr (37 C.F.	ment (37 C.F.I R. 3.28, 3.31)	R. 1.21(h)). The assignment \$40.00 per property	t mus	st be accompanied +	\$0.00			
					IATC	L FEES ENCLOSED =	\$2,100.00			
			Amount to be refunded:	\$						
							Amount to be charged:	\$2,100.00		
a. 🛭 A chec	k in the amo	unt of \$2	2,100.00 to co	over the above fees is enclo	sed.					
b. Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.										
	c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.									
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive filed and granted to restore the International Application to pending status.						(37 C.F.R. 1.137(a)	or (b) must be			
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